

US EPA ARCHIVE DOCUMENT

# Nonroad Input and Emissions Data Submission

Laurel Driver

May 29, 2012

# EIS vs NEI

- Emission Inventory System (EIS)
  - Data repository for air emissions data used to create the NEI
  - Contains State, Local, Tribal and EPA submitted data
  - Can store multiple emissions values for the same unit/process
  - Can store annual, monthly, daily data (e.g., fires, events)
  - Data available via a password-protected web site
    - EIS Gateway <https://eis.epa.gov/eis-system-web/welcome.html>
- National Emission Inventory (NEI)
  - Snapshot in time from EIS
  - Inventory version shared with the public
  - One emissions value per process selected
  - Annual emissions values

# S/L/T Reporting Requirement

- Air Emissions Reporting Rule (AERR)  
<http://www.epa.gov/ttn/chief/aerr/>
  - Complete criteria pollutant inventory every 3 years
    - All point sources (100 tpy potential to emit threshold)
    - Nonpoint Sources
    - **Onroad** and **Nonroad** sources
    - Events (wildfires and prescribed fires)
    - 2011 Emissions due 12/31/2012, EIS window opens 6/1/2012
  - Annual reporting for type A point source facilities
    - SO<sub>2</sub>, NO<sub>x</sub>, CO with potential to emit  $\geq 2,500$  tpy
    - VOC, PM, NH<sub>3</sub> with potential to emit  $\geq 250$  tpy
    - Pb with potential to emit  $\geq 5$  tpy (to be amended to agree with Lead NAAQS level of  $\geq 0.5$  tpy)
  - HAPs are submitted voluntarily by many S/L/Ts and are encouraged as part of an integrated report

# Uses of the NEI

- The NEI is one of the key inputs for :
  - Modeling of national rules
    - NAAQS reviews, CSAPR, etc
  - Non-attainment Designations
  - NATA Review – toxics risk modeling
  - Trends reports and analyses

# Components of the EIS

- Six different data categories
  - Facility Inventory
  - Point Emissions
  - Nonpoint Emissions
  - Onroad Emissions
  - **Nonroad Emissions**
  - Event Emissions (wildfires and prescribed fires)
  - No biogenic emissions, although these are part of EPA's modeling files

# Nonroad Submissions

- Emissions in NEI must be from an EPA-approved model
  - NONROAD (EPA)
  - Off-Road (California)
- EPA strongly encourages submittals of National Mobile Inventory Model (NMIM) National County Database (NCD) rather than emissions
- Tribes and CA should submit emissions

# Why Inputs?

- EPA prefers to receive activity data instead of emissions as they allow for more in-depth analysis and consistent, integrated emissions in the NEI. If you do not submit nonroad input data, EPA will generate emission estimates using national defaults.
- EPA will provide a set of default nonroad inputs for agencies to review/ customize as desired
- Agencies may accept EPA defaults in lieu of submittals by sending a “support request” to EIS that states this.
- To the extent resources allow, EPA will assist agencies to build their submittals.



# Support Request

EIS - Windows Internet Explorer

https://eis.epa.gov/eis-system-web/support/request/add.html

File Edit View Favorites Tools Help

Home Page EIS

gupta vaccination

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Merge Processes
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » Inventory Selection

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management
- » EIS Bridge

SUPPORT

- » Administration Console
- » View All Announcements
- » View Support Requests
- » Create Support Request

Create a Support Request

Request Creator: Laurel Driver

Support Category: Accept EPA Data

Support Request Message:

Submit Undo Cancel

Local intranet 100%

# Calculation of Emissions

- Why is EPA using NMIM?
  - NMIM runs the NONROAD model, and produces CAP and HAP results with common inputs
  - The EIS process to accept NCDs is in place and is the least resource intensive way to proceed until MOVES includes nonroad

## Summary of NCDSubmittal Steps

- Got to 2011NEI web page for instructions on onroad and nonroad input submittal instructions
- Pick up your draft default NCD from EIS
- Make changes and keep a complete NCD set
- Compile Submission:
  - 1. Folder of tables in .csv
  - 2. Folder of External Files
  - 3. .txt file with documentation
- EACH SUBMITTAL IS A COMPLETE REPLACEMENT OF PREVIOUS SUBMITTALS!

# County vs State Submissions

- Encouraged to submit all activity data in a single submission
- Permitted to send one county file vs a complete State file
- **NOT** permitted to send a group of counties
  - NMIM can not accommodate county groups or Tribes

# Pick up your draft default NCD

EIS - Windows Internet Explorer

https://eis.epa.gov/eis-system-web/ncd/agency/list.html

EIS Gateway

Laurel Driver: EIS: Content Manager Role, Authenticated Role, Inventory Developer Role

**VIEW/ADD/EDIT**

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Merge Processes
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » **NCD Activity Data**
- » CDB Activity Data
- » Inventory Selection

**REPORTS**

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

**REFERENCE DATA**

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management
- » EIS Bridge

**SUPPORT**

- » Administration Console
- » View All Announcements

**2008 NCD Data**

**EPA Default** **Agency Submitted**

**NCD AGENCY SUBMISSIONS**

Agency	Submitted	File Size (KB)	
Alabama Department of Environmental Management			<a href="#">View Submissions</a>
Alaska Department of Environmental Conservation			<a href="#">View Submissions</a>
Allegheny County Health Department			<a href="#">View Submissions</a>
Arizona Department of Environmental Quality			<a href="#">View Submissions</a>
Arkansas Department of Environmental Quality	2010-05-06 04:04 PM	537	<a href="#">Download Current Dataset</a> <a href="#">View Submissions</a>
California Air Resources Board			<a href="#">View Submissions</a>
Chattanooga Air Pollution Control Bureau (CHCAPCB)			<a href="#">View Submissions</a>
City of Albuquerque			<a href="#">View Submissions</a>
City of Huntsville Division of Natural Resources and Environmental Mgmt			<a href="#">View Submissions</a>
Clark County Department of Air Quality and Environmental Management			<a href="#">View Submissions</a>
Colorado Department of Public Health and Environment			<a href="#">View Submissions</a>
Confederated Tribes of the Colville Reservation, Washington			<a href="#">View Submissions</a>
Connecticut Department Of Environmental Protection			<a href="#">View Submissions</a>
DC-District Department of the Environment	2010-08-20 02:05 PM	148	<a href="#">Download Current Dataset</a> <a href="#">View Submissions</a>
Delaware Department of Natural Resources and Environmental Control			<a href="#">View Submissions</a>
Eastern Band of Cherokee Indians			<a href="#">View Submissions</a>
EIS			<a href="#">View Submissions</a>
EPA			<a href="#">View Submissions</a>
Florida Department of Environmental Protection			<a href="#">View Submissions</a>
Fond du Lac Band of Lake Superior Chippewa			<a href="#">View Submissions</a>
Forsyth County Environmental Affairs Department			<a href="#">View Submissions</a>
Georgia Department of Natural Resources	2010-08-19 11:43 AM	817	<a href="#">Download Current Dataset</a> <a href="#">View Submissions</a>
Hawaii Department of Health Clean Air Branch	2010-05-19 09:35 PM	124	<a href="#">Download Current Dataset</a> <a href="#">View Submissions</a>
Idaho Department of Environmental Quality			<a href="#">View Submissions</a>
Illinois Environmental Protection Agency			<a href="#">View Submissions</a>
Indiana Department of Environmental Management			<a href="#">View Submissions</a>
Iowa Department of Natural Resources			<a href="#">View Submissions</a>
Jefferson County (AL) Department of Health			<a href="#">View Submissions</a>
Kansas Department of Health and Environment			<a href="#">View Submissions</a>

Local intranet 100%

# Nonroad NCD

- Tables included in download (blue ones are for nonroad)
  - baseyearvmt
  - county
  - countynrfile
  - countyvmtmonthallocation
  - countyyear
  - countyyearmonth
  - countyyearmonthhour
  - diesel
  - gasoline
  - naturalgas
  - state
- Preferred method
  - EPA to use NMIM
  - more in-depth analysis
  - consistent, integrated calculated emissions in the NEI
- EPA will provide default data
  - SLT can provide revised input NCD data
- Tribes and NCD Activity Tables
  - Can not accommodate Tribal lands, but tribes can use neighboring county NCDs for help with inputs
  - Submit emissions
- Can not submit NONROAD input files
- To the extent resources allow, EPA will provide assistance in building NCDs for submittal

WinZip - 34000[1].zip

File Actions View Jobs Options Help

New Open Favorites Add Extract Encrypt View CheckOut Wizard View Style

Name	Type	Modified	Size	Ratio	Packed	Path
baseyearvmt.csv	Microsoft Of...	10/21/2009 12:55 PM	275,571	79%	59,003	Tables\
county.csv					615	Tables\
countynrfile.csv					61	Tables\
countyvmtmonthallocation.csv					58	Tables\
countyyear.csv	Microsoft Of...	10/21/2009 12:58 PM	3,097	87%	393	Tables\
countyyearmonth.csv	Microsoft Of...	10/21/2009 12:59 PM	17,552	94%	1,049	Tables\
countyyearmonthhour.csv	Microsoft Of...	10/21/2009 1:02 PM	354,018	87%	46,796	Tables\
diesel.csv	Microsoft Of...	10/20/2009 3:25 PM	1,151	54%	530	Tables\
gasoline.csv	Microsoft Of...	10/20/2009 3:25 PM	425,844	76%	102,...	Tables\
naturalgas.csv	Microsoft Of...	10/21/2009 10:14 AM	26	0%	26	Tables\
state.csv	Microsoft Of...	10/21/2009 1:05 PM	197	42%	114	Tables\
3400100.dsf	DSF File	12/9/2005 12:31 PM	2,484	71%	724	External Files\
3400100.imp	IMP File	9/1/2005 12:46 PM	1,161	66%	396	External Files\
3400101.dsf	DSF File	12/9/2005 12:31 PM	2,484	70%	733	External Files\
3400102.ar1	AR1 File	9/1/2005 12:46 PM	3,648	81%	677	External Files\
3400102.ar2	AR2 File	9/1/2005 12:46 PM	3,648	81%	677	External Files\
3400102.ar3	AR3 File	9/1/2005 12:46 PM	3,648	81%	677	External Files\
3400102.ar4	AR4 File	9/1/2005 12:46 PM	3,648	81%	677	External Files\
3400102.ar5	AR5 File	9/1/2005 12:46 PM	3,648	81%	677	External Files\
3400102.ar6	AR6 File	9/1/2005 12:46 PM	3,648	81%	677	External Files\
3400102.ar7	AR7 File	9/1/2005 12:46 PM	3,648	81%	677	External Files\
3400102.ar8	AR8 File	9/1/2005 12:46 PM	3,648	81%	677	External Files\
3400102.ar9	AR9 File	9/1/2005 12:46 PM	3,648	81%	677	External Files\
3400102.atp	ATP File	9/1/2005 12:46 PM	163	44%	91	External Files\
3400102.dsf	DSF File	9/1/2005 12:46 PM	2,484	70%	724	External Files\
3400102.fw1						
3400102.fw2						
3400102.fw3	FW3 File	9/1/2005 12:46 PM	2,245	95%	114	External Files\
3400102.fw4	FW4 File	9/1/2005 12:46 PM	2,221	95%	119	External Files\
3400102.fw5	FW5 File	9/1/2005 12:46 PM	2,221	95%	119	External Files\
3400102.fw6	FW6 File	9/1/2005 12:46 PM	2,269	95%	110	External Files\
3400102.fw7	FW7 File	9/1/2005 12:46 PM	2,221	95%	119	External Files\
3400102.fw8	FW8 File	9/1/2005 12:46 PM	2,221	95%	119	External Files\
3400102.fw9	FW9 File	9/1/2005 12:46 PM	2,269	95%	110	External Files\
3400102.reg	Registration ...	9/1/2005 12:46 PM	4,235	59%	1,722	External Files\
3400103.dsf	DSF File	12/9/2005 1:06 PM	2,484	71%	726	External Files\

**NCD tables are in .csv format**

**The referenced external files are in ASCII format**

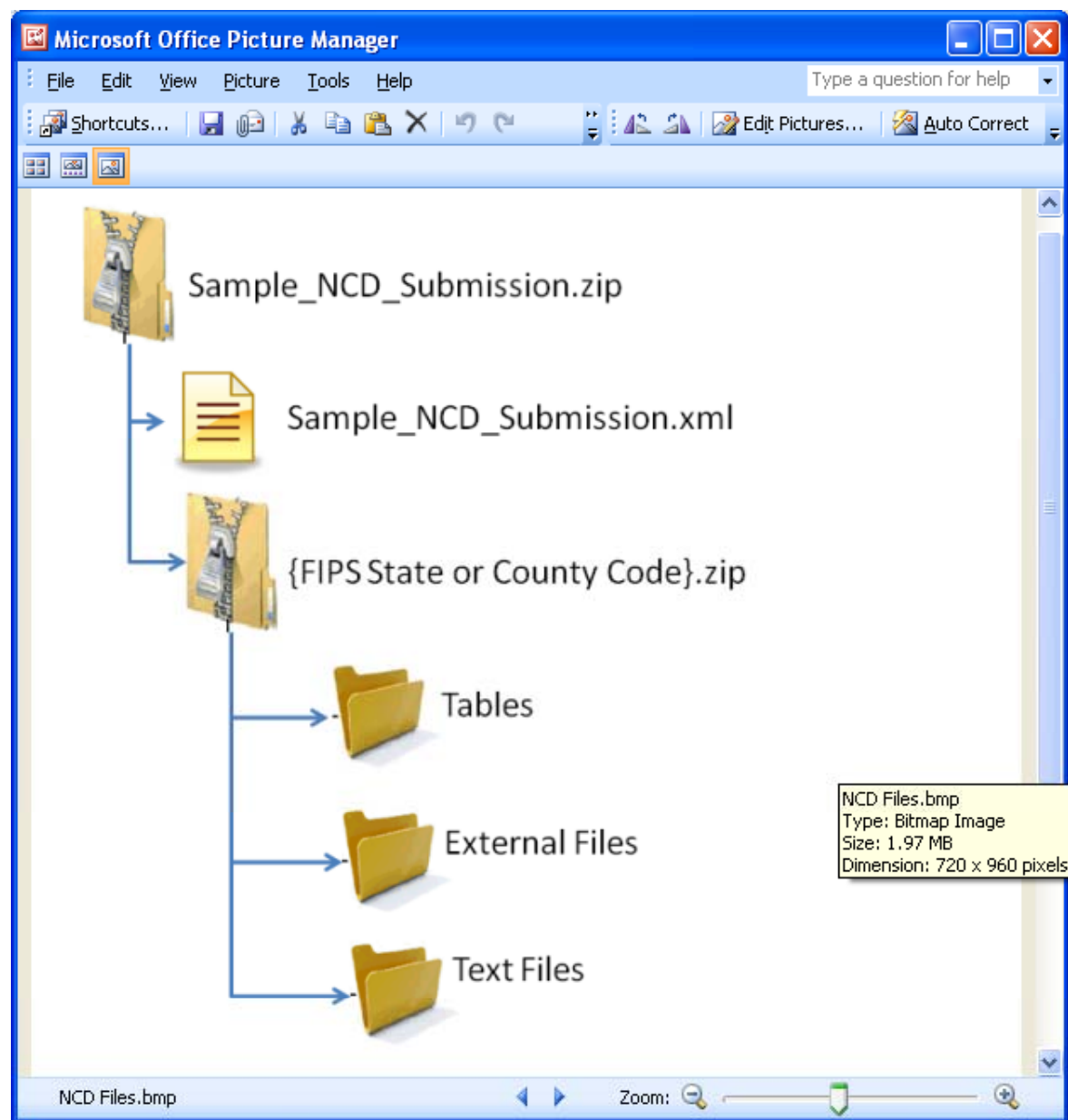
**Suggested Process:**

1. Download file from EIS
2. Load to your local system
3. Make changes to tables
4. Save files to specified folders
5. Bundle and re-submit

Selected 0 files, 0 bytes

Total 427 files, 2,469KB

## How to Bundle Your NCD Activity Data for Re-Submission





# Creating XML HEADER

- 2 ways
  - Using staging tables
    - CERS and ExchangeHeader tables only -- currently under revision
  - Edit XML available from 2011 NEI page

# Creating XML Header

- In the Nonroad staging table:
  - Complete the CERS table
    - User Identifier – Your EIS login (email address)
    - Program System Code
    - Emission Year
  - Complete the Exchange Header table
    - Author Name – Your full name
    - Organization Name
    - Document Title – “EIS”
    - Data Flow Name – “EIS\_v1\_0”
    - Property-Submission Type – QA or PRODUCTION
    - Property-Data Category –NONROAD
    - Property-NCD Data File - the name of your zipped data file.

# Editing XML text

```

<hdr:Document id="IDxx" xmlns:hdr="http://www.exchangenetwork.net/schema/header/2" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:schemaLocation="http://www.exchangenetwork.net/schema/header/2 http://www.exchangenetwork.net/schema/header/2/header_v2.0.xsd">
  <hdr:Header>
    <hdr:AuthorName>Your Name</hdr:AuthorName>
    <hdr:OrganizationName>Your Organization</hdr:OrganizationName>
    <hdr:DocumentTitle>EIS</hdr:DocumentTitle>
    <hdr:CreationDateTime>2012-04-10T14:02:39</hdr:CreationDateTime>
    <hdr:Keywords></hdr:Keywords>
    <hdr:Comment></hdr:Comment>
    <hdr:DataFlowName>EISv1.0</hdr:DataFlowName>
    <hdr:Property>
      <hdr:PropertyName>SubmissionType</hdr:PropertyName>
      <hdr:PropertyValue>QA</hdr:PropertyValue>
    </hdr:Property>
    <hdr:Property>
      <hdr:PropertyName>DataCategory</hdr:PropertyName>
      <hdr:PropertyValue>Nonroad</hdr:PropertyValue>
    </hdr:Property>
    <hdr:Property>
      <hdr:PropertyName>NCDDataFile</hdr:PropertyName>
      <hdr:PropertyValue>Sample_submission_file.zip</hdr:PropertyValue>
    </hdr:Property>
  </hdr:Header>
  <hdr:Payload>
    <cer:CERS xmlns:cer="http://www.exchangenetwork.net/schema/cer/1" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="
http://www.exchangenetwork.net/schema/cer/1 http://www.exchangenetwork.net/schema/cer/1/index.xsd">
      <cer:UserIdentifier>youruserid.gov</cer:UserIdentifier>
      <cer:ProgramSystemCode>yourPSC</cer:ProgramSystemCode>
      <cer:EmissionsYear>2011</cer:EmissionsYear>
    </cer:CERS>
  </hdr:Payload>
</hdr:Document>

```

# Submitting Your Data

- Export these staging tables into an xml file using the Bridge Tool
- Zip the above created xml file, and your data files into one package.
- Submit using the Web Client or your node.
- **EACH SUBMITTAL IS AN ENTIRE REPLACEMENT OF PREVIOUS ONE**

## What Will Be Checked

- QA checks on:
  - Limited checks will be done on the NCD tables
  - No checks will be done on the external reference files, but naming convention and presence are checked.
  - THE REJECTION OF ANY ACTIVITY DATA WILL CAUSE THE REJECTION OF THE ENTIRE SUBMISSION

# What EPA will do with submittals

- Collect and compile submitted NCD
- Do QA checks
- Contact agencies with questions
- Run NONROAD via NMIM model for CAP/HAP at monthly or finer level
- Load emissions into EIS

# Emissions Submittals

- Agencies may submit emissions, but inputs are preferred
- Multiple emissions data are accessible in EIS. If an agency submits, EPA and SLT data will be present.

# Nonroad Emissions Submittals

- Requirements for submitting onroad emissions inventory
  - CERS
  - Exchange Header
  - Location
  - Emissions Process
  - Reporting Period
  - Emissions
- Optional
  - Excluded Location Parameter



## Required - CERS

- Required
  - User ID (EIS login)
  - Program System Code
  - Emissions Year
- Optional
  - Model
  - Model Version
  - Emissions Creation Date
  - Submittal Comment

## Required - Exchange Header

- Required
  - Author Name (not ID)
  - Organization Name
  - Document Title (**EIS**)
  - Data Flow Name (**EIS\_v1\_0**)
  - Submission Type (**QA** or **Production**)
  - Property-Data Category (**Nonroad**)
- Optional
  - Keywords
  - Comments
  - Property-NCD Data File (**Sample\_submission\_file.zip**  
Only when submitting NCD)

## Required - Location

- Required
  - State/County FIPS or Tribal Code
- Optional
  - Census Tract Identifier
  - Shape Identifier
  - Location Comment

# Required - Emissions Process

- Required
  - State/County FIPS or Tribal Code
  - Source Classification Code
  - Emissions Type Code
- Optional
  - Census Tract
  - Shape Identifier
  - Process Comment

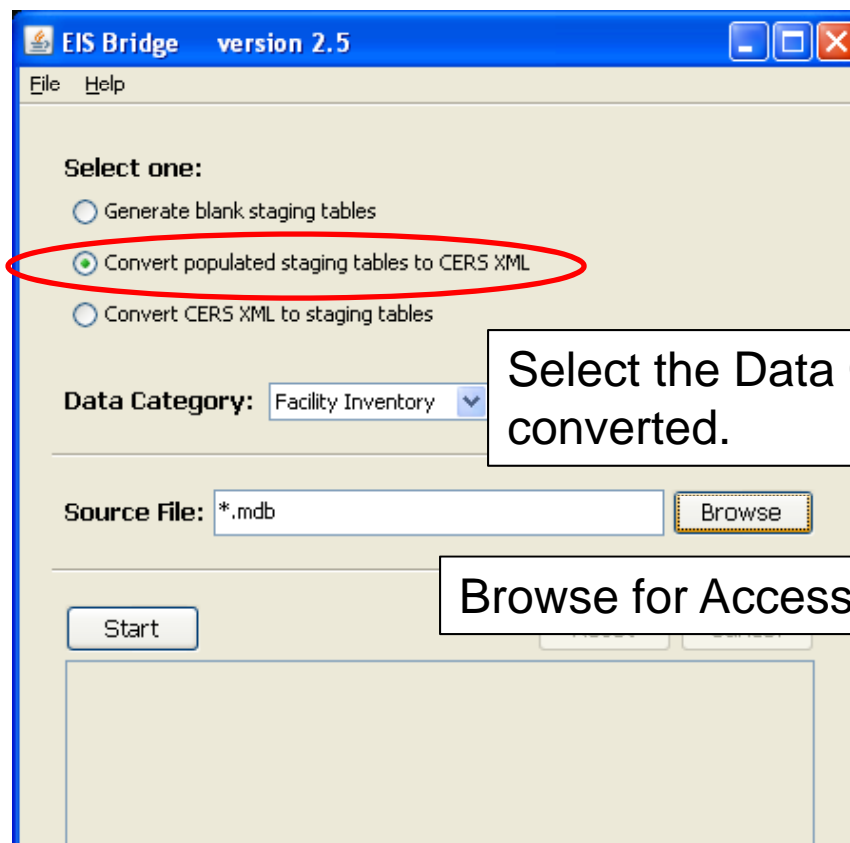
# Required - Reporting Period

- Required
  - State/County FIPS or Tribal Code
  - Source Classification Code
  - Emissions Type Code
  - Reporting Period Type Code
- Optional
  - Census Tract and Shape Identifier
  - Calculation Data Year – Only Onroad
  - Calculation Data Source – Only Onroad
  - Reporting Period Comment

## Required - Emissions

- Required
  - State/County FIPS or Tribal Code
  - Source Classification Code
  - Emissions Type Code
  - Reporting Period type Code
  - Pollutant Code
  - Total Emissions and UOM
- Optional
  - Census Tract and Shape Identifier
  - Emissions Comment

# Creating XML File via the Bridge Tool



Select the Data Category being converted.

Browse for Access file and select "Start".

**REMEMBER:** The Bridge Tool works on Access 2003. If your file is saved as Access 2007 or later, you will need to do a "save as" to Access 2003 prior to using the Bridge Tool.

# Common Bridge Tool Errors

- Look at your xml file prior to zipping it using Note Pad or your web browser. Make sure you see all of the components.



# Submitting the zipped XML File

- Two methods
  - Node-to-node
  - CDX web client (most common method)
    - <https://nodewebbrss.epa.gov/user/Login.aspx>
    - Use Gateway login and password
- QA and Production Environment
  - QA is always open to check your data. Does not change anything in the EIS
  - Production submission is your official submission and will update the EIS
  - Recommend always sending to QA first

Exchange Network Web Client v2 - Windows Internet Explorer provided by EPA

https://nodewebrss.epa.gov/user/Login.aspx

File Edit View Favorites Tools Help

Convert Select

Exchange Network Web Client v2

U.S. Environmental Protection Agency

Exchange Network Web Client v2.0

Contact Us

Please Sign In.

ID ombrowski.sally@epa.gov

Password .....

Domain default

default

IAMLdap

EPA

EPA Home | Privacy and Security Notice | Contact

Last updated on Tuesday, January 31st, 2012  
URL: http://nodewebrss.epa.gov/user/Login.aspx

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Exchange Network Node v2 - Windows Internet Explorer provided by EPA

https://nodewebss.epa.gov/user/Login.aspx

File Edit View Favorites Tools Help

Convert Select

Exchange Network Node v2

U.S. Environmental Protection Agency

## Exchange Network Web Client v2.0

Welcome to the Node 2.0 Web Interface

**RSS/ATOM News Channel:** RecoveryChannel  ☒ ATOM ☐

**RSS Channel:** Recovery

**Published Date:** Tue, 31 Jan 2012 08:17:30 -0500

**Last Built Date:** Tue, 31 Jan 2012 08:17:30 -0500

**Description:** Recovery Channel for interfacing to Recovery.gov

**Language:** en-us

Mon, 30 Jan 2012 13:44:04 -0500

2012  
Recovery.gov submitted on January 30, 2012

Tue, 24 Jan 2012 13:12:16 -0500  
**EPA Weekly Financial and Activity Report for January 24, 2012**  
This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 24, 2012

Tue, 17 Jan 2012 13:47:35 -0500  
**EPA Weekly Financial and Activity Report for January 17, 2012**  
This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 17, 2012

Tue, 10 Jan 2012 10:18:21 -0500  
**EPA Weekly Financial and Activity Report for January 10, 2012**  
This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 10, 2012

Tue, 03 Jan 2012 12:43:13 -0500  
**EPA Weekly Financial and Activity Report for January 03, 2012**  
This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 03, 2012

Tue, 27 Dec 2011 13:40:18 -0500  
**EPA Weekly Financial and Activity Report for December 27, 2011**  
This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on December 27, 2011

Tue, 20 Dec 2011 11:34:57 -0500

Done

Local intranet 100%

Select EIS from the left-hand side bar

- Home
- My Activity
- My Queries
- My Account
- News Channels
- News Composer
- Data Exchanges
- Recovery
- EIS**
- FRS
- WCIT
- Operations
- Download
- Submit
- Query
- Solicit
- Execute
- Searches
- Service Search
- History Search
- RSS Search
- Full Text Search
- Advanced

Exchange Network Node v2 - Windows Internet Explorer provided by EPA

https://nodewebrss.epa.gov/user/EIS.aspx

File Edit View Favorites Tools Help

Convert Select

Exchange Network Node v2

U.S. Environmental Protection Agency

## Exchange Network Web Client v2.0

EIS\_v1\_0 Data Exchange (Show Help...)

Select Document:  Browse...

Emails to Notify:

Submit

Browse for your **ZIPPED XML** submission file.  
Then complete your email notification. This can be more than one email address. Then select "Submit".

Done Local intranet 100%

# Email Notifications

- First email, from “CDXNotification”, immediate
  - Transaction Status: **Pending**
- Second email, also from “CDXNotification” , when EIS completes processing
  - Transaction Status: **Completed**. Feedback report is available at EIS Gateway
- Third email, from “noreply” (EIS Gateway), on quarter hours
  - Status : Completed or **Failed**
    - Wrong file submission error – Usually a zipped Access file is submitted instead of the xml file
    - Window closed error – “User, agency, submission year not authorized”
    - Completed might be for an XML file containing no data
- Go to EIS Gateway and read the Feedback Report and resolve any critical errors and Potential Duplicates

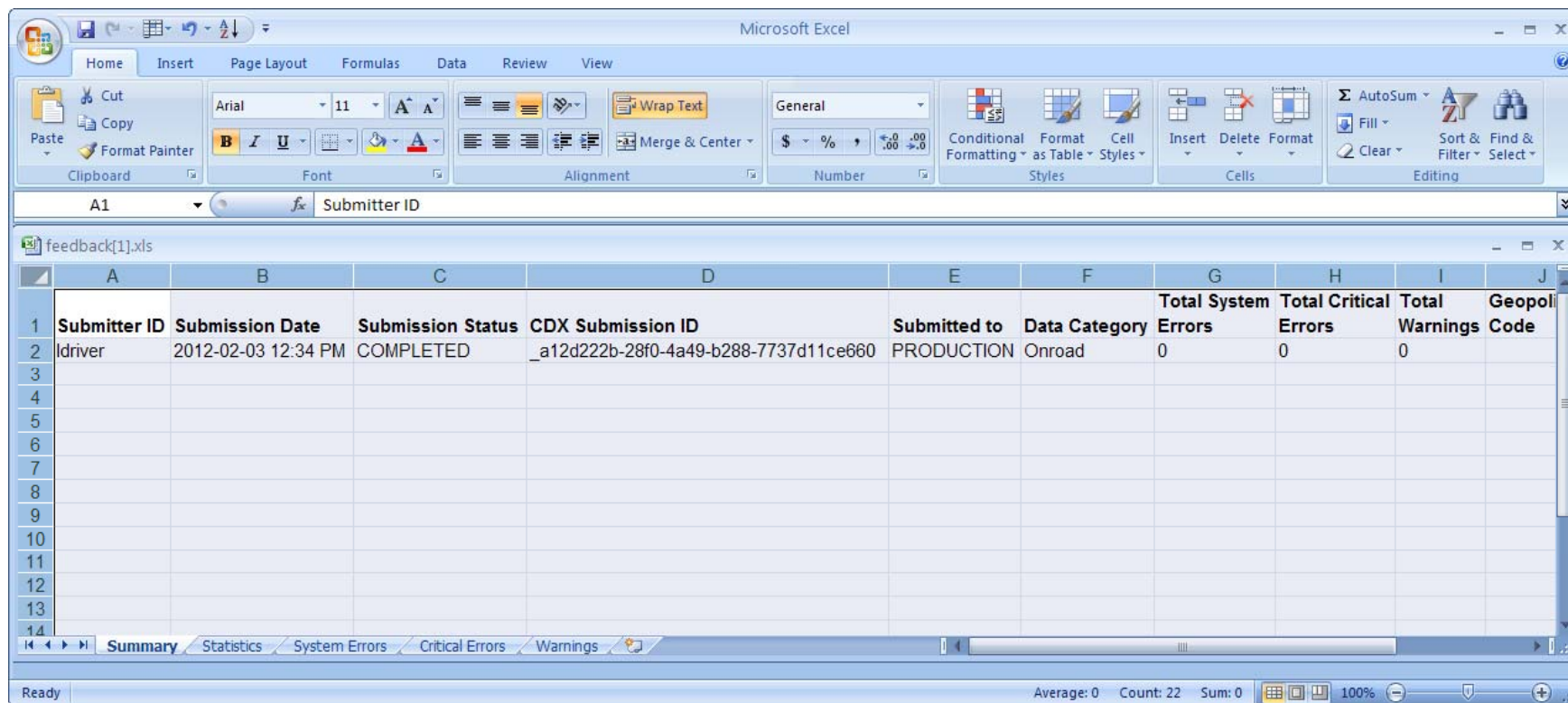
# The Feedback Report

- Summary Page
  - Name of submitter
  - What environment submissions was made to
    - QA or Production
  - Data Category submitted
    - Nonroad
  - Total number of critical and warning errors.

# Feedback Report Critical Errors

- The most important page of your feedback report
- All critical errors must be resolved prior to submitting to Production

# Feedback



The screenshot shows a Microsoft Excel spreadsheet titled "feedback[1].xls". The spreadsheet has a table with 11 columns and 14 rows. The columns are: Submitter ID, Submission Date, Submission Status, CDX Submission ID, Submitted to, Data Category, Total System Errors, Total Critical Errors, Total Warnings, and Geopol Code. The first row of data shows a submission from "ldriver" on "2012-02-03 12:34 PM" with a status of "COMPLETED", a CDX Submission ID of "\_a12d222b-28f0-4a49-b288-7737d11ce660", submitted to "PRODUCTION", and a data category of "Onroad". The total system errors, critical errors, and warnings are all 0. The spreadsheet also shows the Excel ribbon with tabs for Home, Insert, Page Layout, Formulas, Data, Review, and View. The status bar at the bottom indicates "Average: 0 Count: 22 Sum: 0" and "100%".

	A	B	C	D	E	F	G	H	I	J
1	Submitter ID	Submission Date	Submission Status	CDX Submission ID	Submitted to	Data Category	Total System Errors	Total Critical Errors	Total Warnings	Geopol Code
2	ldriver	2012-02-03 12:34 PM	COMPLETED	_a12d222b-28f0-4a49-b288-7737d11ce660	PRODUCTION	Onroad	0	0	0	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										



# Feedback

Microsoft Excel

Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

feedback[1].xls

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	<b>Component</b>	<b>Added</b>	<b>Updated</b>												
2	Location	0	0												
3	ExcludedLocationParameter	0	0												
4	LocationEmissionsProcess	0	2481												
5	ReportingPeriod	2481	0												
6	Emissions	21944	0												
7	<b>Total</b>	<b>24425</b>	<b>2481</b>												
8															
9															
10															
11															
12															
13															
14															

Summary Statistics System Errors Critical Errors Warnings

Ready 100%

# When will my data show up in EIS?

- Nonroad data on the Gateway is available immediately
- Reports available the next day

# Nonpoint/Onroad/Nonroad Emissions

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/process/area/search.html

File Edit View Favorites Tools Help

Convert Select

EIS

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » EIS Bridge

SUPPORT

- » View All Announcements
- » View Support

## Nonpoint / Onroad / Nonroad Emissions Search

**WARNINGS**

→ The selected search criteria yield more results than can be displayed. Please refine your search.

**Search Criteria**

States » NC

Counties » All counties selected.

Tribes » All tribes selected.

Data Categories » Nonpoint

Sectors » All sectors selected.

Source Classifications » All source classifications selected.

Show 10 entries

Search:

Source Classification	Emissions Type Code	FIPS State and County	Tribal Name	Census Tract	Shape Identifier
2102001000		37001			
2102002000		37001			
2102004000		37001			
2102005000		37001			
2102006000		37001			
2102007000		37001			
2102008000		37001			
2102011000		37001			
2102012000		37001			
2103001000		37001			

Showing 1 to 10 of 200 entries

First Previous 1 2 3 4 5 Next Last

Edit Search Criteria

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# Agency Submission History Report

EIS - Windows Internet Explorer

https://eis.epa.gov/eis-system-web/reports/analysis/agencySubmissionHistory.html

EIS Gateway  
Laurel Driver, EIS, Content Manager Role, Authenticated Role, Inventory Developer Role

**VIEW/ADD/EDIT**

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Merge Processes
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » CDB Activity Data
- » Inventory Selection

**REPORTS**

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » **Agency Submission History Report**

**REFERENCE DATA**

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management
- » EIS Bridge

**SUPPORT**

- » Administration Console
- » View All Announcements

## Agency Submission History Report

Select inventory year

Inventory Year: 2008

Show 10 entries

Search:

Agency Organization	Region Code	Facility Inventory	Point	Nonpoint	Onroad Emissions	Onroad CDB	Nonroad Emissions	Nonroad NCD	Event
Alabama Department of Environmental Management	04	2011-10-11 09:40 AM	2011-04-04 04:42 PM	2011-02-17 05:38 PM	N/A	N/A	N/A	N/A	N/A
Alaska Department of Environmental Conservation	10	2010-09-16 12:59 PM	2010-09-24 01:31 PM	2010-05-04 06:40 PM	N/A	N/A	N/A	N/A	2011-11-21 07:21 PM
Allegheny County Health Department	03	2010-05-19 12:32 PM	2011-02-15 02:11 PM	N/A	N/A	N/A	N/A	N/A	N/A
American Samoa		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Arapahoe Tribe of the Wind River Reservation		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Arizona Department of Environmental Quality	09	2010-11-09 12:20 PM	2011-11-04 02:29 PM	2010-11-16 01:31 PM	N/A	N/A	N/A	N/A	N/A
Arkansas Department of Environmental Quality	06	2010-04-07 10:22 AM	2011-02-18 10:49 AM	2011-11-01 09:30 AM	N/A	N/A	N/A	N/A	N/A
Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bishop Paiute Tribe		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Blackfeet Tribe of the Blackfeet Indian Reservation of Montana		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Showing 1 to 10 of 166 entries

Download Results: CSV

First Previous 1 2 3 4 5 Next Last

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# How do I get data out of EIS?

The screenshot shows the EIS System Web Reports page. The left sidebar contains several menu categories: **REPORTS** (highlighted with a red circle), **REFERENCE DATA**, **SUPPORT**, and **ACCOUNT DATA**. Under **REPORTS**, the following options are listed: Request Reports, Report Downloads, Large File Download, Feedback Reports, Agency Submission History Report, and EIS Bridge. Under **REFERENCE DATA**, the options are: Reporting Code Tables, QA Checks, View Dataset Identifiers, Inventory Cycle Management, and EIS Bridge. Under **SUPPORT**, the options are: Administration Console, View All Announcements, View Support Requests, and Create Support Request. Under **ACCOUNT DATA**, the options are: My Account, My Agency, Account List, Current Users List, and Account Request List.

The main content area displays several report categories:

- Facility Configuration**: 7 reports providing details of different aspects of the Facility Configurations, across all Agencies, filterable by geography, NAICs, Facility Type, Oper Status or Reg Code. Only EIS identifiers provided.
- Emissions Snapshot**: All Emissions data elements in CERS XML format for Point, Nonpoint, Onroad, Nonroad, or Event emissions. Can be run for either S/L/T Agency reported emissions or for USEPA emissions datasets. Data is returned at Process ID or SCC level detail. Snapshot updates can be requested and will be generated overnight.
 

Report Name	Report Description
<u>By Responsible Agency</u>	Point, Nonpoint, Onroad, Nonroad, Event emissions data for a single S/L/T Agency's jurisdiction. Both EIS and S/L/T Agency identifiers are provided.
<u>By Facility Type</u>	Point emissions data for all facilities which have been tagged as a single specific Facility Type. Only EIS identifiers are provided.
- Emissions Summaries**: Emissions data aggregated to various levels of detail in a flat file CSV format. Can filter by pollutant, geographic area, Facility Type, NAICS, regulations, sector or Source Classification Codes. Request run every 15 minutes.
 

Report Name	Report Description
<u>By Facility</u>	Point emissions data at facility, unit, process, or release point level. Both EIS and S/L/T Agency identifiers are provided.
<u>By Geography</u>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at National, Regional, State/Tribe or County geographic level.
- Event Comparisons**

Report Name	Report Description
<u>Event/Event Comparison</u>	Provides a comparison for events that may have been reported in more than one data set.
<u>Event/Nonpoint Comparison</u>	Provides a comparison of emissions where event related emissions may have been reported in both the Event and NonPoint data categories.
- Downloads**

Report Name	Report Description
<u>Large File Download</u>	Also located under Reports on the Gateway sidebar, a set of full US emissions summaries and SMOKE flat files already generated and available for download.
<u>Report Downloads</u>	Also located under Reports on the Gateway sidebar, reports requested for download as well as reports requested by other users within your agency can be found here.

The browser address bar shows the URL: <https://eis.epa.gov/eis-system-web/reports/>. The page is viewed in a Google Chrome browser window. The system clock at the bottom right indicates 2:25 PM on 2/23/2012.

# Report Downloads

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/downloads/list.html

File Edit View Favorites Tools Help

Convert Select

EIS

EIS Gateway

Sally Dombrowski, EIS, Content Manager Role, Authenticated Role, Inventory Selector Role, Inventory Developer Role, Account Manager Role

**VIEW/ADD/EDIT**

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
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- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » Inventory Selection

**REPORTS**

- » Request Reports
- » **Report Downloads**
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

**REFERENCE DATA**

**Reports Available for Download**

Show 10 entries Search:

	Report Type	Time Requested	Time Generated	First Name	Last Name
	State/Tribal by Source Classification	2012-01-31 12:50 PM		Ron	Ryan
	National by Source Classification	2012-01-31 12:45 PM	2012-01-31 12:46 PM	Ron	Ryan
	National by Source Classification	2012-01-31 11:39 AM	2012-01-31 11:46 AM	Madeleine	Strum
	National by Data Category	2012-01-31 10:31 AM	2012-01-31 10:46 AM	Roy	Huntley
	Facility	2012-01-31 09:49 AM	2012-01-31 10:03 AM	Anthony	Ross
<b>Report Type:</b> Facility <b>Data Set:</b> 2008-2008 V2_0 GPR <b>Pollutants:</b> CO, SO2, NOX, VOC, PM25-PRI, PM10-PRI, 7439921 <b>States:</b> MN					
	Facility	2012-01-31 09:49 AM	2012-01-31 10:03 AM	Anthony	Ross
	Facility	2012-01-31 09:48 AM	2012-01-31 10:03 AM	Anthony	Ross
	Facility	2012-01-31 09:48 AM	2012-01-31 10:03 AM	Anthony	Ross
	Facility	2012-01-31 09:47 AM	2012-01-31 09:48 AM	Anthony	Ross
	Facility	2012-01-31 09:46 AM	2012-01-31 09:48 AM	Anthony	Ross

Showing 1 to 10 of 63 entries

First Previous 1 2 3 4 5 Next Last

Done Local intranet 100%

## How does EPA Check Your Data?

- Again, inputs are strongly preferred.
- Submitted emissions are compared to EPA's for pollutants covered, disagreement between CAP/HAP, anomalous emis type/pol combinations, SCC coverage, etc.



# Common Problems

- Overwriting previous submittals. Several submitters in trying to update/correct emissions values, submitted only one pollutant which overwrote previous submittal which contained many pollutants
- Poor use of emission type. For example, all emissions as evap does not make sense.
- Bad emis type/pollutant combinations (e.g., evap pm)



# Contacts

- Submittal Issues
  - Sally Dombrowski [dombrowski.sally@epa.gov](mailto:dombrowski.sally@epa.gov);  
919-541-3269
- Inventory Issues
  - Laurel Driver – Mobile Sources  
[driver.laurel@epa.gov](mailto:driver.laurel@epa.gov), 919-541-2859
- NONROAD model Issues
  - mobile@epa.gov